



**BOARD OF COMMISSIONERS
AGENDA**

JANUARY 4, 2021

5:30PM – COMMISSION ROOM – 116 W CENTER ST

Please join the Zoom meeting from your computer, tablet or smartphone.

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Meeting ID: 989 6486 7260

CALL TO ORDER

ROLL CALL

ADOPT AGENDA

APPEARANCES / ACKNOWLEDGEMENTS

- 1) Acknowledge Drainage Analysis - 9th Street from Park Creek to Highland Ave (US 81)

CONSENT CALENDAR

- 1) Minutes - December 28, 2020
- 2) Claims for Approval - January 6, 2021
- 3) Claims for Ratification - December 23, 2020
- 4) Cash Balances, Gross Salaries, and Bills for Ratification - October
- 5) Personnel - December

UNFINISHED BUSINESS

- 1) Second Reading - Ordinance No. 1626 - Water Rates and Charges
- 2) Second Reading - Ordinance No. 1627 - Amend Chapter 19 - Taxation Article II - Business Improvement District

NEW BUSINESS

- 1) Designate Depositories for Municipal Funds for 2021 - Wells Fargo Bank, First Bank & Trust, Great Western Bank, SD Public Funds Investment Trust, US Bank
- 2) Designate Legal Newspaper for 2021 - Madison Daily Leader
- 3) Establish 2021 Election Date and Invite Madison Central School District to Participate in Joint Election - April 13th
- 4) Authorize Mayor to Electronically Sign Damages, Descriptions, and Dimensions (DDD)
Category D-Water Control Facilities (Egan Ave to Harth Ave) - Project 135909
FEMA - 2019 September Flood #4469DR-SD
- 5) COVID-19 Update

PUBLIC COMMENT

ANNOUNCEMENTS

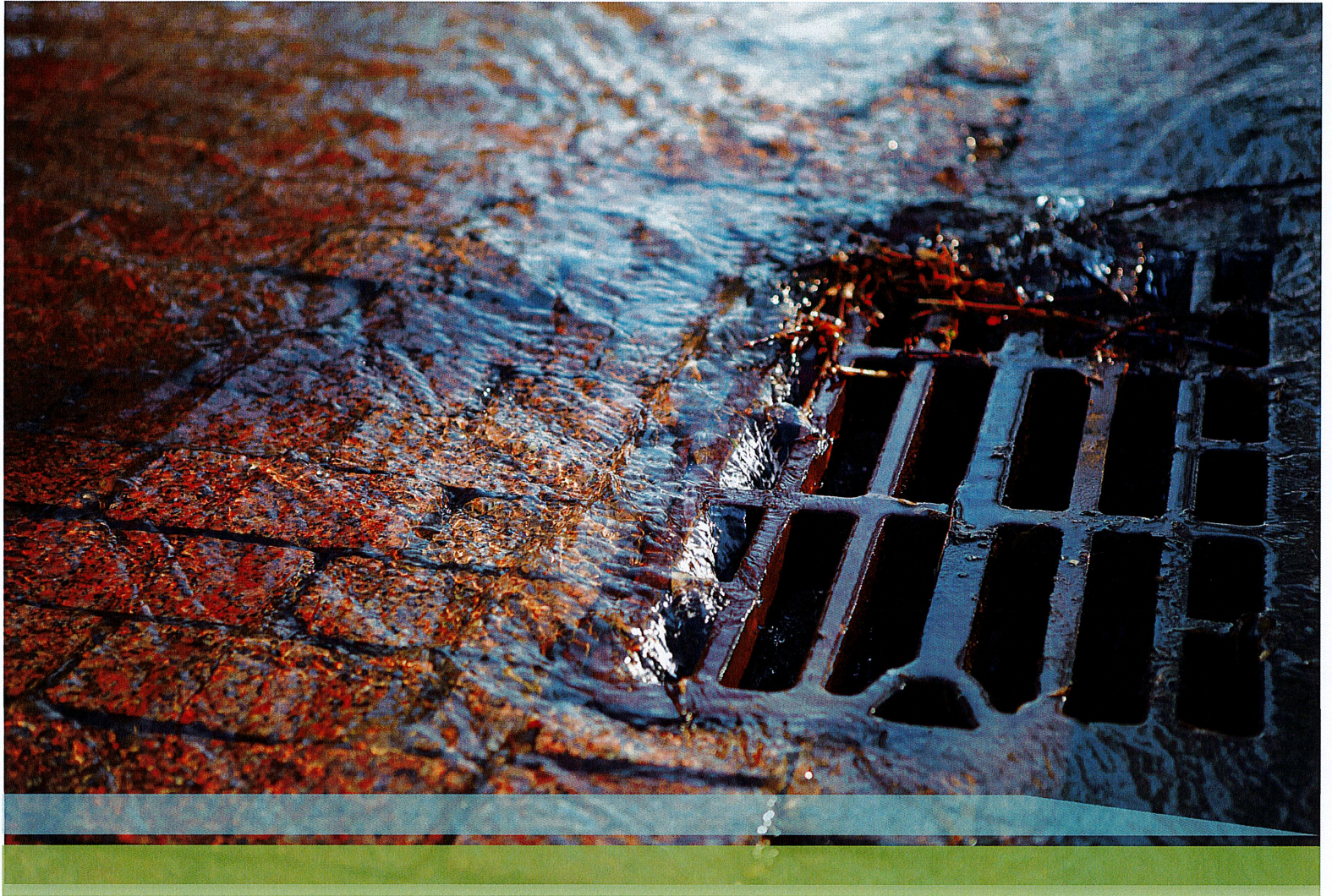
EXECUTIVE SESSION

- 1) 1-25-2(1)

ADJOURN

Supplementary agenda information may be accessed at www.cityofmadisonsd.com
AGENDAS – CITY COMMISSION

If special accommodations are necessary to attend any Board of Commissioners meeting, please contact the Finance Office at (605) 256-7500 at least 24 hours before meeting time. All attempts shall be made to accommodate a request.



MADISON SOUTH DAKOTA DRAINAGE ANALYSIS

9th St From Park Creek to N Highland Ave (US 81)

MADISON SOUTH DAKOTA DRAINAGE ANALYSIS

9th St From Park Creek to N Highland Ave (US 81)

December 9, 2020
Madison, SD



Houston Engineering, Inc.
3900 W Technology Cir, Suite 6
Sioux Falls, SD 57106
Phone # 605.271.0378

This document originally issued and sealed by
David R. Burwitz, Project Manager, PE-5143, on
12/09/2020. This media should not be considered a
certified document.

A handwritten signature in blue ink, appearing to read 'D. Burwitz', is written over a horizontal line.

David R. Burwitz
PE-5143

12/09/20
Date

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1 PURPOSE

This report summarizes the hydrologic and hydraulic analysis performed for the evaluation of the watershed located north of NW 9th Street and is generally bounded by US Highway 81 to the west and Park Creek to the east in Madison, SD. Additionally, local drainage from the section of NW 9th Street (9th St) east of Park Creek and west of N Washington Ave drains west toward the bridge over the creek. Excess runoff bypasses inlets on the east side of the bridge and enters the study area. The analysis was completed using a single hydrologic and hydraulic model that encompasses the full drainage area contributing to the outfalls into Northwest Park south of 9th St and to Park Creek. This hydraulic report is divided into the two “focus” drainage areas. A map showing the overall study watershed and the focus drainage areas is provided as **Figure 1**. The drainage area contributing to the full study area is approximately 178 acres.

1.1 EAST DRAINAGE AREA

The first focus area is the eastern drainage area and is approximately 35 acres. The eastern drainage area is predominately developed as residential land use. The drainage area slopes generally from northwest to southeast with a small portion of local drainage contributing from south of 9th St. With the exception of Josephine Avenue, runoff is conveyed as surface flow along public and private roadways toward the intersection of 9th St and Josephine Avenue. An inlet in the NW quadrant of this intersection partially intercepts runoff. All bypass flow continues eastward. Runoff conveyed along Josephine Avenue is partially intercepted at inlets located approximately 170' north of 9th St. Runoff intercepted by the inlets in the Josephine Avenue storm sewer discharges to Park Creek north of 9th St through a 36" x 58.5" RCPA outfall. Runoff that bypasses the noted inlets is conveyed eastward along 9th St and ultimately captured at a low point in 9th St east of Josephine Avenue. At the low point, it is collected in inlets and discharged through a 20" outfall to Park Creek south of 9th St. Runoff from the local drainage area along 9th St east of Park Creek to N Washington Avenue is conveyed to on-grade inlets located just east of Park Creek. Any bypass flow from these inlets collects at the 9th St low point west of the creek. A figure summarizing the existing storm sewer facilities for the east drainage area is included as **Figure 2**.

1.2 WEST DRAINAGE AREA

The second focus area is the western drainage area. It is approximately 143 acres and extends approximately 0.6 miles north of NW 9th Street. There are three distinct smaller drainage areas within the western drainage area. The largest portion of the drainage area is undeveloped land and agricultural land use. The middle portion of the drainage area consists of a low-density residential land use, while the eastern extent consists primarily of the Madison Elementary School.

Runoff from the undeveloped agricultural area is conveyed south towards the ditch on the north side of 9th St via a shallow ditch. Runoff from the residential area is conveyed primarily along existing roadways to N West Ave. The majority of the runoff is intercepted by on-grade and sag inlets north of 9th St and conveyed to a designed stormwater detention area (Existing Pond 3). Existing Pond 3 attenuates runoff before ultimately discharging to the ditch on the north side 9th St. The remaining



runoff from the residential area discharges directly to the roadway ditch north of 9th St. Runoff from the area between N West Avenue and the elementary school flows south and collects in a low area (Existing Pond 2). Existing Pond 2 does not appear to be specifically designed for stormwater attenuation. Existing Pond 2 discharges to the ditch on the north side of 9th St.

Runoff from the elementary school is collected by an onsite storm sewer network which discharges to the school's stormwater detention area (Existing Pond 1). This detention area attenuates runoff before discharging to Existing Pond 2 along the north side of 9th St.

All runoff from the contributing drainage area ultimately reaches the ditch on the north side of 9th St where it is conveyed under 9th St via three existing culverts. A figure summarizing the existing west drainage area storm sewer and detention facilities is included as **Figure 3**.

2 HYDROLOGIC AND HYDRAULIC ANALYSIS METHODS

2.1 HYDROLOGIC AND HYDRAULIC MODELING

The hydrologic and hydraulic analysis of the study area was completed using a single XPSWMM [1] rainfall runoff model. XPSWMM is a modeling software published by Innovyze that utilizes the EPASWMM engine to perform hydrologic and hydraulic routing computations. This model was used to account for total stormwater runoff volume and discharge hydrograph routing rather than only peak discharge calculated using the Rational Method. Additionally, XPSWMM can analyze backwater effects, flow reversals, stormwater storage, inlet capacity, pressure flow, and other complex hydraulic conditions critical to understanding the effects of flooding, especially in the existing storm water detention ponds.

2.2 SOURCE DATA

The hydraulic components of the model were primarily based on topographic survey data provided by the City of Madison (City). LiDAR information was obtained from the Natural Resource Conservation Service (NRCS). This LiDAR was published in 2013 [2]. Land use was determined and digitized using available aerial imagery.

2.3 DRAINAGE AREA AND HYDROLOGY

Drainage areas were delineated using NRCS LiDAR information. The LiDAR data from the NRCS was combined into a single surface that covered the project extents. The City provided topographic survey data was used to supplement the LiDAR information and verify the delineation. Areas were computed using ArcGIS tools.

Runoff hydrographs were determined using the curve number method as defined in the NRCS's *TR-55: Urban Hydrology for Small Watersheds* [3].

Weighted curve number (CN) values were estimated by digitizing impervious surface in the study area. Impervious surfaces were assigned a CN value of 98. Pervious surfaces were assigned CN values based on observed land use. Soil data was obtained from National Cooperative Soil Survey

through their Web Soil Survey (WSS) online data base [4]. This soil data was utilized to determine the Hydrologic Soil Group (HSG) throughout the study area. Using the HSG values from the WSS and the recommended CN values from TR-55, composite CN values were developed and weighted using GIS.

Time of concentration (Tc) values were approximated using the Watershed Lag Method as defined in paragraph 630.1502(a) of Part 630-Hydrology of the NRCS National Engineering Handbook and shown in **Equation 1** [5]. Flow length and average watershed land slope parameters were developed using ArcGIS tools and available surface data. A minimum value of 6 minutes was used.

Equation 1: $T_c = [L^{0.8}(S+1)^{0.7}/1140Y^{0.5}]$

Tc = Time of Concentration (hour)

L = Flow Length (feet)

Y = Average Subwatershed Slope (%)

S = Potential Maximum Retention

A nested rainfall distribution was used. To produce the nested rainfall distribution, rainfall intensities were taken from the National Oceanic and Atmospheric Administration Atlas-14 Point Precipitation Frequency Estimate values from the Madison Municipal Airport reporting station [6]. 24-hour rainfall depths for various return periods are listed in **Table 1**.

Table 1 - Atlas 14 Rainfall Depths

Storm Frequency (Years)	24-hour Rainfall Depths (Inches)
2	2.38
5	3.11
10	3.68
25	4.47
50	5.08
100	5.72

2.4 DESIGN STANDARDS

The design standards used for evaluating existing conditions and developing alternatives for proposed improvements are based on guidance from the City of Madison, the South Dakota Department of Transportation, and the City of Sioux Falls. The design return period for storm sewer and inlet design is a 5-year, 24-hour event. The 100-year, 24-hour event was also analyzed to establish peak water surface elevations in the existing detention ponds and verify that adequate freeboard was available. Inlets were spaced to maintain flow spread of less than 8' from the face of curb during the 5-year event.

3 RESULTS AND RECOMMENDATIONS

3.1 EAST DRAINAGE AREA

Due to the lack of existing storm sewer in the east drainage area, the majority of runoff relies on surface conveyance along 9th St and other local streets. The existing streets become inundated due to their insufficient capacity to convey this flow. The flooding issues are exacerbated by 9th St being the primary traffic route to Madison Elementary School. A single alternative was prepared for this drainage area. The recommended improvements include the installation of inlets along 9th St to capture runoff. These inlets should be predominately placed at the intersections with adjoining streets to capture runoff at the sources of lateral inflow. A trunk storm sewer should be installed along 9th St from approximately N Liberty Ave to the low point west of Park Creek. The new trunk storm sewer should connect to the existing outfall from the low point to Park Creek. An additional storm sewer connection should be made to the existing storm sewer along Josephine Avenue. This will allow for increased utilization of the existing Josephine outfall, which is currently underutilized. Additionally, by utilizing the existing Josephine outfall, the required size of the proposed trunk storm sewer from Josephine to the low point in 9th St is reduced. Lastly, it is also recommended that the set of on-grade inlets along Josephine Ave approximately 170' north of 9th St be improved to increase interception capacity.

A detailed analysis of the surface flow along Union Avenue N was completed. This street was identified by the City as a priority concern due to the street being sloped to via the west gutter line opposed to having a more standard crown and parallel gutter geometry. A cross section of this street was extracted from lidar and was reviewed to determine the capacity of the single gutter. It was determined that the single gutter has the capacity to pass the 100-year event without exceeding the right of way. However, the allowable spread for the 5-year design event is exceeded. The results of the detailed gutter analysis on Union Avenue N are summarized in Table 2.

Table 2 - Union Avenue N Roadway Drainage Summary

Event	Flow (cfs)	Flow Depth (ft)	Spread (ft)
2-Yr, 24-Hr	2.5	0.2	9.1
5-Yr, 24-Hr	4.1	0.25	11.2
10-Yr, 24-Hr	5.4	0.28	12.5
25-Yr, 24-Hr	7.3	0.33	14.2
50-Yr, 24-Hr	8.8	0.36	15.1
100-Yr, 24-Hr	10.4	0.39	16.3

A map showing additional detail, including recommended pipe sizes and inlet configurations is provided as **Figure 4**.

The City of Madison is in the process of assessing the condition of existing storm sewer to verify that it is sufficient for continued use. If the condition is unacceptable, the existing pipes should be replaced with new pipe of similar size, material, and grade.

3.2 WEST DRAINAGE AREA

The segment of 9th St within the west drainage area is primarily a “rural” type street that surface drains to ditches rather than a curb, gutter, inlet, and storm sewer system. In rural type streets, ponding and flooding tends to occur in the roadway ditches and right of way rather than on the road surface. As a result, roadway flooding issues are not documented in the west drainage as prevalently as they are in the east drainage area. However, modeling indicates that the lowest point of 9th St, between currently undeveloped land and Northwest Park, may be prone to overtopping. Under existing conditions, all runoff from the drainage area eventually reaches the north ditch of 9th St where it is conveyed under the roadway via 3 centerline crossing culverts. The existing culverts do not provide adequate conveyance, and 9th St is likely to overtop for events with return periods of 5 years and greater.

The objective of street improvements in the west drainage area is to transition from a rural type street to an urban type street with curb and gutter, or a rural/urban hybrid that utilizes curb and gutter, but also maintains ditches for additional conveyance. To accommodate these changes, two storm water alternatives were developed. The difference between the alternatives is primarily related to the modifications to and functionality of the outlets of the existing detention areas. In Alternative 1, the outlets from each existing detention area would be directly connected to proposed storm sewer by an individual pipe. The drainage pattern for Alternative 2 more closely resembles existing conditions. In Alternative 2, the 3 detention areas would be directly connected, and would only discharge to the proposed storm sewer from Detention Areas 3. Maps showing the proposed storm water facilities and drainage patterns as well as pertinent elevations are provided as **Figures 5 and 6**.

Both proposed alternatives achieve the goal of limiting proposed conditions peak discharge rates below or near existing conditions peak discharge rates across 9th St. **Table 3** summarizes the existing and proposed peak discharges across 9th St for the western drainage area. Additionally, the analysis indicates that 100-year, 24-hour peak ponding elevations in the existing detention areas allow for adequate freeboard to adjacent structures. A summary of the 100-year, 24-hour peak ponding elevations and lowest adjacent structures is included in **Table 4**. Alternative 1 was selected as the preferred alternative because it more effectively accomplishes the goals of transitioning this segment of 9th St to an urban type street.

Table 3 - 9th St Discharge

Event	Total Discharge At 9 th St (cfs)		
	Existing Conditions	Alternative 1	Alternative 2
2-Yr, 24-Hr	36.5	32.3	32.6
5-Yr, 24-Hr	55.0	64.7	57.2
10-Yr, 24-Hr	86.5	92.6	90.2
25-Yr, 24-Hr	124.7	126.6	129.0
50-Yr, 24-Hr	158.1	152.6	159.3
100-Yr, 24-Hr	191.0	182.8	186.6

Table 4 - 100-Year, 24-Hour Peak Ponding Elevations

Location	Adjacent Low Opening	Existing Conditions	Alternative 1	Alternative 2
Pond 1	N/A	1696.1	1696.5	1696.2
Pond 2	1694.3	1693.0	1693.2	1693.1
Pond 3	1691.9	1690.0	1689.6	1690.0

4 COST ESTIMATE

A cost estimate was prepared to approximate the cost associated with the storm water improvements and subsequent road, utility, and other supplemental improvements. The estimate is based on the recommended east drainage area improvements, and the preferred Alternative 1 west drainage area improvements. Additional cost assumptions are provided in the following sections. A detailed summary of the cost estimate is included as **Appendix 1**.

4.1 STORM SEWER COST ASSUMPTIONS

Storm sewer cost estimate utilized the latest average unit bid prices available from both the SDDOT and City of Sioux Falls bid tabulation results. Assumptions for storm sewer included:

- Used Class 3 reinforced concrete pipe for all storm sewer pipe.
- Utilized 4 different sizes of pipe= 18", 24", 27" and 30" diameter.
- Utilized standard 10-ft curb opening inlets used by the City of Sioux Falls.
- Assumed storm sewer main would be installed in-street due to existing conflicts behind curb.

4.2 STREET COST ASSUMPTIONS

Street cost estimate also utilized the latest average unit bid prices available from both the SDDOT and City of Sioux Falls bid tabulation results. Assumption for street included:

- Replaced existing street and curb and gutters with new asphalt street 37-ft wide.
- Replaced sidewalk at intersections only to accommodate ADA requirements and grade changes.
- Replaced driveway approaches to accommodate longitudinal street grade changes.
- Reused existing sidewalk along street unless removal required for utility installation.
- Installed pavement markings for 2-lane street with turn lanes only at school.

4.3 UTILITY COST ASSUMPTIONS

Utility cost estimate continued to use latest average unit bid prices available from both the SDDOT and City of Sioux Falls bid tabulation results. It was outside the scope of this study to account for all utility conflicts. These will be determined by a detail design project. The line items in the study cost estimate such as Incidental Work Utilities and Contingencies were included to accommodate potential utility conflicts. Assumptions for utilities included:

- Replacement of existing water main and upsizing to 12" diameter from Union Avenue east to a couple hundred feet east of Park Creek culvert.
- Boring new 12" diameter water main under Park Creek culvert for approximately 250 feet.
- Extension of 8" watermain from West Avenue west to Highland Avenue (SD Hwy 81).

- Use PVC pipe for new watermain and sanitary sewer.
- Extension of sanitary sewer from Chicago Avenue west to future church driveway.

5 OTHER CONSIDERATIONS AND CONCLUSIONS

During the study both the City and Houston Engineering reviewed and discussed the necessity for 2-lane or 3-lane pavement markings for street width. Consensus was that traffic volumes did not warrant the need for 3-lane configuration at this time. The 2-lane with dedicated turning lanes at the school were viewed as sufficient.

It was also decided by the City and Houston Engineering that side street drainage inlets would only be installed where city had sufficient street dedicated ROW like at Union and Josephine Avenues. Drainage onto 9th Street from Woodbury Estates would be intercepted with curb inlets on 9th Street on either side of both entrances to Woodbury Estates. Minutes summarizing correspondence between the City and HEI are included as **Appendix 2**.

Correspondence with the City indicated a concern that the storm sewer along the south side of 9th Street could surcharge and potentially impact the home at the SW corner of N West Avenue and 9th Street (921 N West Avenue). The City surveyed the finished floor elevation for 921 N West Avenue at 1690.24'. If the storm sewer were to be surcharged, runoff would start to flow over a small berm at the ROW at a water surface elevation of approximately 1688.2', and flow south to Northwest Park. This overflow path exists under current conditions and is not intended to be modified under proposed conditions. The overflow path and respective elevations are included in **Figure 3**.

The conclusion of the study was to provide a review of the existing drainage and potential storm sewer solutions along with a preliminary cost estimate to allow the City to budget for these future infrastructure improvements.



6 REFERENCES

- [1] Innovyze, *XP-SWMM 2017 2.2*, 2017.
- [2] NGP Product Inventory System, "USGS 13 arc-second n45W098 1x1 degree," U.S. Geological Survey, 2013.
- [3] Natural Resources Conservation Service, "Technical Release 55: Urban Hydrology for Small Watersheds,," 1986.
- [4] Soil Survey Staff, National Resources Conservation Service, United States Department of Agriculture, "Web Soil Survey," [Online]. Available: <http://websoilsurvey.nrcs.usda.gov>. [Accessed 13 August 2020].
- [5] Natural Resource Conservation Service, "Chapter 15 - Time of Concentration, Part 630 - Hydrology - National Engineering Handbook," 2010.
- [6] National Oceanic and Atmospheric Administration, "NOAA Atlas 14 Point Precipitation Frequency Estimates: SD," [Online]. Available: https://hdsc.nws.noaa.gov/hdsc/pfds/pfds_map_cont.html.

**CITY OF MADISON
BOARD OF COMMISSIONERS PROCEEDINGS
MADISON, SD 57042**

28 December 2020
Regular

The Board of Commissioners of the City of Madison met in regular session at 5:30pm on the 28th day of December with the following members present on roll call: Mayor Marshall Dennert and Commissioners Adam Shaw, Robert Thill, Michael Waldner (via teleconference) and Jerae Wire.

Motion by Commissioner Shaw, second by Commissioner Thill, to move unfinished business item #1 (Adopt Resolution No. 2020-34 - Sidewalk Improvement 2021) to the end of the meeting and adopt the December 28th agenda. Upon roll call, motion carried unanimously.

Motion by Commissioner Wire, second by Commissioner Shaw, to approve the following items on the consent calendar: Minutes - December 21, 2020, Board Meeting Minutes - November. Upon roll call, motion carried unanimously.

Motion by Commissioner Thill, second by Commissioner Wire, to authorize the Mayor to electronically sign Damages, Descriptions and Dimensions (DDD) for Category D - Water Control Facilities (Memorial Park) - Project # 135906 with FEMA for the 2019 September Flood Applicant #4469DR-SD. Said document details damages to the creek walls through Memorial Park. Upon roll call, motion carried unanimously.

Motion by Commissioner Shaw, second by Commissioner Waldner, to approve first reading of Ordinance No. 1628 - Amend Appropriation Ordinance No. 1619 for Fiscal Year 2020. Said ordinance addresses governmental funds overage of \$58,000.00 and transfer of funds not expended in 2020 of \$311,700.00 back to established reserves. Upon roll call, motion carried unanimously.

Motion by Commissioner Shaw, second by Commissioner Thill, to reduce the depreciation reserve in the Recycling Fund by \$63,700, leaving a balance of \$115,000. Upon roll call, motion carried unanimously.

Motion by Commission Shaw, second by Commissioner Wire, to eliminate the Solid Waste Fund garbage container reserve of \$15,110. Upon roll call, motion carried unanimously.

Bid No. 899 for Chemicals was reviewed. All bids are on a per unit basis. Schedule A - Lime - Pete Lien & Sons - \$166.30, Lhoist North America - \$336.64. Schedule B - Liquid Chlorine - Hawkins, Inc. - \$55.00. Schedule C - Carbon Dioxide - No Bid. Schedule D - Ferric Chloride - Hawkins, Inc. - \$5.80. Schedule E - Fluosilicic Acid - Hawkins, Inc. - \$4.60. Schedule F - Aqueous Ammonia - Hawkins, Inc. - \$3.63. Motion by Commissioner Shaw, second by Commissioner Wire, to award Schedule A to Pete Lien & Sons and Schedules B, D, E and F to Hawkins, Inc. Upon roll call, motion carried unanimously.

Commissioner Shaw stated there were no new cases of COVID-19 in Lake County for Monday December 28.

In unfinished business, motion by Commissioner Shaw, second by Commissioner Waldner, to adopt Resolution No. 2020-34 - Sidewalk Improvement 2021. Murray Smith spoke on concerns he had with installing sidewalk on his property. City Engineer Chad Comes offered options for homeowners and reiterated the City departments would work with property owners to help ease the burden of installation. Upon roll call, motion carried with Commissioner Thill and Mayor Dennert voting nay.

RESOLUTION NO. 2020-34

A RESOLUTION TO DECLARE THE NECESSITY FOR SIDEWALK IMPROVEMENT 2021

BE IT RESOLVED BY THE CITY COMMISSION OF THE CITY OF MADISON, SOUTH DAKOTA:

That the City hereby declares the necessity of constructing sidewalks within the City of Madison located adjacent to the following streets as noted in Exhibit A with the projected locations being as follows:

A. Project 1 – South Grant Avenue from Southeast 4th Street to Silver Creek Circle:

1. Lot one (1) in Block One (1) of Schaefer's Second Addition to Madison, Lake County, SD; 84 linear feet of 4 inch sidewalk; 0 linear feet of 6 inch sidewalk
2. Lot 4 of DeVaney's Addition to Madison, Lake County, South Dakota; 66 linear feet of 4 inch sidewalk; 0 linear feet of 6 inch sidewalk
3. Lot Three (3) of DeVaney's Addition to City of Madison, South Dakota; 65 linear feet of 4 inch sidewalk; 0 linear feet of 6 inch sidewalk
4. Lot Two (2) of DeVaney's Addition to Madison Lake County, SD; 60 linear feet of 4 inch sidewalk; 0 linear feet of 6 inch sidewalk
5. Lot One (1) of DeVaney's Addition to Madison, Lake County, SD; 56 linear feet of 4 inch sidewalk; 0 linear feet of 6 inch sidewalk

B. Project 2 – Northwest 1st Street from North Liberty Avenue to North Chicago Avenue:

1. The West Half (W1/2) of Lot Seven (7) and the North Half of the West Half (N1/2 W1/2) of Lot Eight (8) in Block Two (2) of Coburn & Van Dorens Addition to Madison, Lake County, SD; 68 linear feet of 4 inch sidewalk; 0 linear feet of 6 inch sidewalk
2. Lot One (1) and the North Half (N1/2) of Lot Two (2), Block Two (2), Coburn & Van Doren's Addition to Madison, Lake County, South Dakota; 127 linear feet of 4 inch sidewalk; 0 linear feet of 6 inch sidewalk

C. Project 3 – North Josephine Avenue from Northwest 6th Street to Northwest 7th Street

1. The North 2/5ths of the West Half (W1/2) EXCEPT the West 71 feet thereof, of Block Twenty (20) of Kennedy's Second Extension of Madison, Lake County, SD and the North 50 feet of the South 3/5ths of the West Half (W1/2) of Block Twenty (20) of Kennedy's Second Extension of Madison, Lake County, SD; 36 linear feet of 4 inch sidewalk; 14 linear feet of 6 inch sidewalk
2. The West 71 feet of the North two-fifths (N2/5ths) of the West Half (W1/2) of Block Twenty (20) of Kennedy's Second Extension of Madison, Lake County, SD; 85 linear feet of 4 inch sidewalk; 12 linear feet of 6 inch sidewalk

D. Project 4 – Southwest 4th Street from South Union Avenue to South Egan Avenue

1. Lot 14 of County Auditor's Third Addition to Madison, Lake County, South Dakota; 129 linear feet of 4 inch sidewalk; 0 linear feet of 6 inch sidewalk
2. The East 40 feet of Block One (1) of Watter's Addition to Madison, Lake County, SD; 14 linear feet of 4 inch sidewalk; 0 linear feet of 6 inch sidewalk
3. Block 1 except the East 40 feet thereof, of Watter's Addition to Madison, Lake County, South Dakota; 59 linear feet of 4 inch sidewalk; 0 linear feet of 6 inch sidewalk
4. Lot Two (2) and Lot Three (3) of Hurry's Addition to Madison, Lake County, South Dakota; 130 linear feet of 4 inch sidewalk; 17 linear feet of 6 inch sidewalk

E. Project 5 – Olive Avenue from Northwest 2nd Street to Southwest 1st Street

1. Lot Twelve (12) in Block Fifteen (15) of Henkin's First Addition to Madison, Lake County, SD; 121 linear feet of 4 inch sidewalk; 0 linear feet of 6 inch sidewalk
2. Lot 1 and Lot 2 in Block 15 of Henkin's First Addition to Madison, South Dakota; 64 linear feet of 4 inch sidewalk; 0 linear feet of 6 inch sidewalk

3. The West 60 Feet of Lot 2 in Block 7 of Henkin's Second Addition to Madison, and Lot 6 and the West 10 Feet of Lot 5 in Block 8 of Waddell's First Addition to Madison, Lake County, South Dakota; 143 linear feet of 4 inch sidewalk; 0 linear feet of 6 inch sidewalk
 4. The North Half (N1/2) of Lots Four (4), Five (5), and Six (6) in Block Nine (9), all in Waddell's Addition to Madison, Lake County, South Dakota; 61 linear feet of 4 inch sidewalk; 0 linear feet of 6 inch sidewalk
 5. The South Half of Lots Four (4), Five (5), and Six (6), Block Nine (9) Waddell's Addition to Madison, Lake County, South Dakota; 54 linear feet of 4 inch sidewalk; 0 linear feet of 6 inch sidewalk
 6. Lot Seven (7) in Block Nine (9) of Waddell's Addition to Madison, Lake County, SD according to the recorded plat thereof; 135 linear feet of 4 inch sidewalk; 0 linear feet of 6 inch sidewalk
 7. Lot Six (6), Block Sixteen (16) Henkin's First Addition to Madison, Lake County, SD; 131 linear feet of 4 inch sidewalk; 0 linear feet of 6 inch sidewalk
 8. Lot Seven (7) and the West Half (W1/2) of Lot Eight (8) in Block Eight (8), Waddell's Addition to the City of Madison, Lake County, South Dakota; 114 linear feet of 4 inch sidewalk; 26 linear feet of 6 inch sidewalk
- F. Project 6 – North Union Avenue from Northwest 6th Street to Northwest 7th Street
1. North One Hundred Feet (N100') of Lot Nine (9), in Block Two (2), of Smith & Trow's Summit Addition to Madison, Lake County, South Dakota; 100 linear feet of 4 inch sidewalk; 0 linear feet of 6 inch sidewalk
 2. The North 35 feet of Lot Seven (7) EXCEPT the East 10 feet thereof, the North 125 feet of Lot Eight (8) Except the East 10 feet thereof, the North 35 feet of Lot Nine (9), all in Block Twenty six (26) of CB Kennedy's Subdivision of Blocks Twenty Six (26) and Twenty Seven (27) of Kennedy's Second Extension to Madison, Lake County, SD; 251 linear feet of 4 inch sidewalk; 14 linear feet of 6 inch sidewalk
- G. The owners of lots set forth in projects one (1) through six (6) above shall construct sidewalk at their own expense on or before July 16, 2021. The City Commission may extend the deadline for installation of the sidewalk in the event a construction project, including sidewalk, is being undertaken during 2021.
- H. The general nature of the construction and materials to be used are as follows:
1. Sidewalks shall be 4 feet 8 inches in width and run the entire length of the real property.
 2. Concrete shall be a minimum of 4 inches thick and shall include aggregate customarily used in this locale for concrete that will be exposed to the elements.
 3. A gravel-based course with a minimum depth of 3 inches shall be used.
 4. Location and grade shall be approved by the Office of the City Engineer.
- I. The estimated costs per linear foot for 4 inch sidewalk is \$29.65 and for 6 inch sidewalk is \$34.32.
- J. The class of lots to be assessed vary and may include each zoning district. Each lot shall benefit by having pedestrian access adjacent thereto. The assessed costs shall be apportioned at the respective linear footage length of 4 foot 8 inch wide sidewalk constructed adjacent to each lot.
- K. All work to be constructed by licensed contractors in accordance with standard City of Madison specifications and details which are on file and can be reviewed during regular business hours at the finance office and the Office of City Engineer. Plans may be reviewed during regular business hours at the finance office.
- L. Exempt from the requirement to construct sidewalk are those areas which presently have sidewalk or have asphalt pavement in the areas where sidewalk will be required. Said asphalt pavement may remain provided it is marked and striped with paint or other approved material as a designated walkway and where said areas are in a condition equal to the condition standards required for sidewalk.
- M. The improvements for each affected real property may not be substantially uniform due to the need for retaining walls or other improvements/additional requirements necessary on some properties. The City shall be responsible for these additional costs if approval is given to the property owner in writing from the City Engineer prior to commencement of improvement.

- N. If a retaining wall is determined necessary by the City Engineer, the City shall pay for the initial construction of all retaining walls. Construction shall not commence until approval of the specifications, plans, details and a minimum of two (2) bids are obtained from the Office of City Engineer. Reimbursement to the landowner of the wall shall be upon satisfactory completion of the retaining wall. No reimbursement for retaining wall construction shall be made unless, prior to construction, the specifications, plans, materials and bids are approved by the City Engineer. The City shall be responsible for the cost of installation of retaining walls if satisfactorily completed.
- O. Upon completion of construction the improvements shall become the responsibility of the landowner.
- P. If such sidewalk is not constructed in the manner and within the time prescribed hereinabove, then, pursuant to South Dakota Codified Law (SDCL) 9-46-4 the City of Madison, hereby this Resolution, shall cause the work to be done and the cost thereof to be assessed against the real property adjoining or abutting upon the sidewalks constructed as provided in SDCL 9-46-4.1.
- Q. For any assessments ultimately becoming due, payments shall be payable under Plan One, as provided for in SDCL 9-43-102.
- R. The above described improvement shall be herein referred to as Sidewalk Improvement 2021 which shall be deemed a description of the improvement as herein set forth.

Dated this 28th day of December, 2020.

CITY OF MADISON

/s/Marshall Dennert
Mayor

ATTEST: /s/Adam Shaw
Finance Commissioner

Motion by Commissioner Shaw, second by Commissioner Thill, to enter into executive session pursuant to 1-25-2(1) at 6:13pm.

Mayor Dennert declared the group out of executive session at 6:20pm.

Motion by Commissioner Thill to adjourn, second by Commissioner Shaw. Motion carried unanimously.

The Board of Commissioners adjourned at 6:21pm.

/s/Marshall Dennert
Mayor

CITY OF MADISON

CASH BALANCES

OCTOBER 2020

	WELLS FARGO	GREAT WESTERN	FIRST BANK & TRUST	SD FIT	FIRST NATIONAL	US BANK	CASH BALANCE
<u>CASH</u>							
GENERAL	\$ 2,007,469.49	\$ 104,357.20	\$ 720,181.95	\$ 2,686,410.02			\$ 5,518,418.66
PARK & RECREATION	\$ 593,820.14	\$ 4,719.47	\$ 92,614.89	\$ 259,626.14			\$ 950,780.64
LODGING & ENTERTAINMENT TAX	\$ (11,609.47)		\$ 649.13				\$ (10,960.34)
COMMUNITY DEVELOPMENT	\$ 102,060.09						\$ 102,060.09
2ND CENT SALES TAX	\$ 1,968,481.39		\$ 267,729.70				\$ 2,236,211.09
SPECIAL MAINTENANCE FEE	\$ 927,756.85						\$ 927,756.85
2019 SEPTEMBER FLOOD	\$ 39,033.89						\$ 39,033.89
SWIMMING POOL DEBT SERVICE	\$ 488,117.01						\$ 488,117.01
GERRY MALONEY NATURE AREA			\$ (46,858.70)				\$ (46,858.70)
WATER	\$ 1,054,791.10		\$ 40,572.06	\$ 722,927.28			\$ 1,818,290.44
ELECTRIC	\$ 1,831,216.22		\$ 161,775.76	\$ 1,292,271.39	\$ -	\$ 347,684.50	\$ 3,632,947.87
SEWER	\$ 1,029,577.09		\$ 213,906.06	\$ 278,256.48			\$ 1,521,739.63
COMMUNITY CENTER	\$ 8,303.40	\$ 48,939.97					\$ 57,243.37
SOLID WASTE	\$ 478,143.07		\$ 104,340.22				\$ 582,483.29
RECYCLING CENTER	\$ 101,973.34			\$ 42,614.48			\$ 144,587.82
CAFETERIA PLAN	\$ (701.52)						\$ (701.52)
							\$ 17,961,150.09
<u>SAVINGS CERTIFICATES</u>							
GENERAL			\$ 582.57	\$ -			\$ 582.57
PARK & RECREATION				\$ -			\$ -
WATER				\$ -			\$ -
ELECTRIC				\$ -			\$ -
SEWER				\$ -			\$ -
							\$ 582.57
<u>RESTRICTED CASH</u>							
TAX INCREMENT DISTRICT #2	\$ -						\$ -
GERRY MALONEY NATURE AREA	\$ 749.15		\$ 328,453.41				\$ 329,202.56
GRANT CIRCLE TID	\$ 0.00						\$ 0.00
WATER - LEWIS AND CLARK			\$ 190,661.33				\$ 190,661.33
WATER DEPOSIT	\$ 400.25						\$ 400.25
ELECTRIC - GENERATION DEBT SERVICE					\$ -	\$ 375,991.16	\$ 375,991.16
ELECTRIC DEPOSIT	\$ 112,169.75						\$ 112,169.75
							\$ 1,008,425.05
<u>TOTAL CASH AND SAVINGS CERTIFICATES</u>	\$ 10,731,751.24	\$ 158,016.64	\$ 2,074,608.38	\$ 5,282,105.79	\$ -	\$ 723,675.66	\$ 18,970,157.71
ANNUAL PERCENTAGE YIELD	MONEY MARKET 0.01%	0.050%	0.250%	MONEY MARKET .01%	0.000%	1.625%	
	SWEEP .010%						

**CITY OF MADISON
DESIGNATED RESERVES
OCTOBER 2020**

GENERAL	FINANCE - ARMORY RESERVE	\$	75,000.57	2ND CENT SALES TAX	4TH & WASHINGTON AVE RESERVE	\$	53,900.00
	FINANCE - DEPOT RESERVE	\$	75,000.47		TOTAL FUND RESERVE	\$	53,900.00
	FINANCE - CITY HALL RESERVE	\$	531,364.83	WATER	WATER DISTRIBUTION RESERVE	\$	508,243.21
	FINANCE - REPAIR/MAINTENANCE RESERVE	\$	225,000.00		TOWER INSPECTION RESERVE	\$	45,803.00
	FINANCE - TECHNOLOGY RESERVE	\$	11,966.77		TOWER PAINTING RESERVE	\$	60,000.00
					TOWER FENCING RESERVE	\$	35,000.00
	ENGINEER - AERIAL PHOTO RESERVE	\$	11,584.25		WELL TREATMENT RESERVE	\$	197,986.00
	ENGINEER - TECHNOLOGY RESERVE	\$	5,000.00		WATER TOWER RESERVE	\$	523,500.00
	ENGINEER - VEHICLE RESERVE	\$	16,155.00		DISTRIBUTION CALIBRATION RESERVE	\$	18,000.00
	ENGINEER - TOTAL STATION RESERVE	\$	2,000.00		LIME/SLUDGE HAULING RESERVE	\$	34,494.73
					DEPRECIATION RESERVE	\$	130,381.36
	POLICE - TECHNOLOGY RESERVE	\$	47,199.43		BIG SIOUX CONNECTION RESERVE	\$	11,012.79
	POLICE - BUILDING RESERVE	\$	500,000.00		PLANT EQUIP REPAIR/REPLACE RESERVE	\$	175,000.00
					WELL MAINTENANCE RESERVE	\$	100,000.00
	FIRE - FIRETRUCK RESERVE	\$	50,000.00		TOTAL FUND RESERVE	\$	1,839,421.09
	FIRE - BUILDING MAINTENANCE RESERVE	\$	10,000.00	ELECTRIC	PLANT EXPANSION RESERVE	\$	100,000.00
	FIRE - COMMUNICATIONS EQUIP RESERVE	\$	15,000.00		WASHINGTON AVE PROJECT RESERVE	\$	50,000.00
	FIRE - SAFETY TRAILER RESERVE	\$	1,000.00		BUCKET TRUCK RESERVE	\$	150,000.00
					TRENCHER RESERVE	\$	2,497.86
	HWY/STREETS - STREET SIGN RESERVE	\$	26,724.76		BACKHOE RESERVE	\$	10,000.00
	HWY/STREETS - STORM SEWER RESERVE	\$	13,718.43		DIGGER DERRICK RESERVE	\$	-
	HWY/STREETS - CURB & GUTTER RESERVE	\$	59,416.89		CENTER STREET LIGHTS RESERVE	\$	25,000.00
	HWY/STREETS - BRIDGE REPAIR RESERVE	\$	8,000.00		GENERATION PLANT RESERVE	\$	80,000.00
	HWY/STREETS - TECHNOLOGY RESERVE	\$	15,089.05		LOAD MANAGEMENT UPGRADE RESERVE	\$	90,000.00
	HWY/STREETS - CAPITAL REPLACEMENT RESEF	\$	375,284.36		SUBSTATION REPLACEMENT RESERVE	\$	100,000.00
	HWY/STREETS - SHOP BUILDING RESERVE	\$	210,000.00		TOTAL FUND RESERVE	\$	607,497.86
	HWY/STREETS - ROCK CREEK WALL RESERVE	\$	50,000.00	SEWER	PIPE LINING RESERVE	\$	260,000.00
	RESTR USE - FUTURE SITE CLOSURE RESERVE	\$	40,000.00		DEPRECIATION RESERVE	\$	308,761.79
	RESTR USE - LAND PURCHASE RESERVE	\$	175,000.00		MANHOLE LINING RESERVE	\$	22,750.00
	RESTR USE - CELL CONSTRUCTION RESERVE	\$	70,500.00		INFRASTRUCTURE IMPROVEMENT RESERVE	\$	200,000.00
	RESTR USE - BUILDING MAINTENANCE RESERVE	\$	52,734.04		PLANT EQUIP REPAIR/REPLACE RESERVE	\$	95,000.00
					BIOSOLIDS RESERVE	\$	32,992.80
	AIRPORT - IMPROVEMENT PROJECT RESERVE	\$	318,238.02		IP CELL TESTING RESERVE	\$	121,983.00
					TOTAL FUND RESERVE	\$	1,041,487.59
	LIBRARY - MALONEY RESERVE	\$	4,997.18	COMMUNITY CENTER	CAPITAL OUTLAY RESERVE	\$	69,645.87
	LIBRARY - GENERAL RESERVE	\$	15,898.58		FUTURE MAINTENANCE RESERVE	\$	19,902.55
	LIBRARY - CHECKING/SAVINGS	\$	20,026.71		TOTAL FUND RESERVE	\$	89,548.42
	LIBRARY - BUILDING RESERVE	\$	51,505.77	SOLID WASTE	GARBAGE CONTAINER RESERVE	\$	15,110.00
	COMMUNITY CENTER MAINT/REPAIR RESERVE	\$	450,000.66		DEPRECIATION RESERVE	\$	23,740.85
	ESSENTIAL BOND RESERVE	\$	457,000.00		TOTAL FUND RESERVE	\$	38,850.85
	2ND CNT SALES TX PREFUND CASHFLW RESERV	\$	576,833.15	RECYCLING	DEPRECIATION RESERVE	\$	178,700.00
	DOWNTOWN IMPROVEMENT RESERVE	\$	40,000.00		TOTAL FUND RESERVE	\$	178,700.00
	LEPC FLOOD STUDY UPDATE	\$	-				
	WILLIAMS BROS SUB FUTURE DEVELOP RESERV	\$	14,000.00				
	TOTAL FUND RESERVE	\$	4,621,238.92				
PARK & RECREATION	ADA ACCESSIBILITY RESERVE	\$	29,000.00				
	SIDEWALK RESERVE	\$	65,171.13				
	SWIMMING POOL REPAIR RESERVE	\$	43,288.27				
	SW 4TH & UNION AVE PARK RESERVE	\$	72,650.00				
	PLAYGROUND RESERVE	\$	21,781.00				
	BALLFIELD RESERVE	\$	20,000.00				
	REC TRAIL MAINTENANCE RESERVE	\$	34,640.00				
	INSECT CONTROL RESERVE	\$	15,000.00				
	CHRISTMAS LIGHTS RESERVE	\$	5,775.69				
	TENNIS COURT RESERVE	\$	8,000.00				
	MULTI-USE TRAIL EXTENSION RESERVE	\$	30,000.00				
	CAPITAL REPLACEMENT RESERVE	\$	115,209.37				
	PICNIC TABLES RESERVE	\$	7,500.00				
	PARK ACQUISITION RESERVE	\$	90,000.00				
	TOTAL FUND RESERVE	\$	558,015.46				
				TOTAL DESIGNATED RESERVES		\$	9,028,660.19

**CITY OF MADISON
GROSS SALARIES
OCTOBER 2020**

DEPARTMENT	AMOUNT	DEPARTMENT	AMOUNT
Mayor & Commission	\$ 4,072.06	Park & Recreation	\$ 18,784.25
Finance	\$ 9,513.14	Water	\$ 27,761.56
General Government Buildings	\$ 495.47	Electric	\$ 57,378.39
Engineer	\$ 12,858.30	Sewer	\$ 29,496.97
Police	\$ 59,528.63	Community Center	\$ 42,703.65
Fire	\$ 5,234.16	Solid Waste Collection	\$ 7,055.24
Highways & Streets	\$ 29,664.42	Recycling	\$ 3,308.98
Snow & Ice Removal	\$ -	Total	\$ 328,717.35
Restricted Use Site	\$ 1,222.31		
Airport	\$ 1,727.86		
Library	\$ 17,561.96		
Planning & Zoning	\$ 350.00		

**CITY OF MADISON
BILLS FOR RATIFICATION
OCTOBER 2020**

VENDOR	DESCRIPTION	DATE	AMOUNT	ACCOUNT #
Heartland Payment System	Fees - Airport	10/1/2020	\$ 96.70	101.4351.4291
CSI	CSI Fees - Community Center	10/5/2020	\$ 69.81	605.4811.4259
CSI	CSI Fees - Community Center	10/5/2020	\$ 47.28	605.4811.4259
CSI	CSI Fees - Community Center	10/5/2020	\$ 7.45	605.4811.4259
Wells Fargo Bank	Client Analysis Service Charge	10/13/2020	\$ 472.76	***.****.4291
Wells Fargo Bank	BankCard Discnt/Interch Fees - FO (65%)	10/13/2020	\$ 744.72	603.4343.4291
Wells Fargo Bank	BankCard Discnt/Interch Fees - FO (20%)	10/13/2020	\$ 229.15	602.4335.4291
Wells Fargo Bank	BankCard Discnt/Interch Fees - FO (15%)	10/13/2020	\$ 171.86	604.4327.4291
Wells Fargo Bank	BankCard Discnt/Interch Fees - CC	10/13/2020	\$ 101.21	605.4811.4291
IRS	Electronic Tax Payment #21	10/14/2020	\$ 34,939.62	***.****.2172/2173
Money Movers Inc	Program Processing Fees	10/14/2020	\$ 8.75	605.4811.4259
Healthy Contributions	Program Processing Fees	10/14/2020	\$ 5.90	605.4811.4259
SD Department of Revenue	Sales Tax - Refuse Collection	10/14/2020	\$ 2,447.47	***.4344.4543
SD Department of Revenue	Sales Tax - Rec Center & Miscellaneous	10/14/2020	\$ 2,225.53	***.****.4523/4542/4543
SD Department of Revenue	Sales Tax - Electric Utility	10/14/2020	\$ 45,326.01	603.4344.4541
SD Department of Revenue	Sales Tax - Excise Tax	10/14/2020	\$ 392.22	101.4344.4543
Wealth Mgmt TFM	Clean Water SRF 461024-02	10/15/2020	\$ 23,016.20	604.4344.4421
Wealth Mgmt TFM	Clean Water SRF 461024-02	10/15/2020	\$ 62,025.86	604.4344.4411
SD Department of Revenue	Sales Tax - Refuse Collection	10/26/2020	\$ 1,626.72	***.4344.4543
SD Department of Revenue	Sales Tax - Rec Center & Miscellaneous	10/26/2020	\$ 2,035.35	***.****.4523/4542/4543
SD Department of Revenue	Sales Tax - Electric Utility	10/26/2020	\$ 43,173.19	603.4344.4541
SD Department of Revenue	Sales Tax - Excise Tax	10/26/2020	\$ 51.80	101.4344.4543
IRS	Electronic Tax Payment #22	10/28/2020	\$ 36,332.17	***.****.2172/2173
First Bank and Trust	Community Center Cash Box	10/30/2020	\$ 100.00	605.4811.4292

CITY OF MADISON
PERSONNEL
DECEMBER 2020

NAME	EFFECTIVE DATE	PRESENT STATUS	RECOMMENDED STATUS	PRESENT RATE/SALARY	RECOMMENDED RATE/SALARY	POSITION	FUND	DEPARTMENT
Moultan, Tyler	11/22/2020	NA	PT-<20 hrs	NA	\$9.30	Fitness Attendant	Community Center	Fitness
Moultan, Tyler	11/22/2020	NA	PT-<20 hrs	NA	\$11.05	Fitness Instructor	Community Center	Fitness
Kelsey, Michaela	12/7/2020	NA	PT-<20 hrs	NA	\$13.55	Personal Trainer	Community Center	Fitness

ORDINANCE NO. 1626

AN ORDINANCE TO AMEND CHAPTER 22 - WATER, SEWERS AND SEWAGE DISPOSAL - ARTICLE II - WATER SECTION 22-24 RATES AND CHARGES AS ADOPTED BY ORDINANCE NO. 1614 ON 11-4-19

BE IT ORDAINED BY THE CITY COMMISSION OF THE CITY OF MADISON, SOUTH DAKOTA:

That Section 22-24 of the Revised Ordinances of the City of Madison, also known as the Code of Ordinances, be amended to read as follows:

Sec. 22-24. Rates and charges.

- (a) The following rates (including a base rate and a surcharge pledged to debt service bonds for improvements to the water infrastructure and non-bonded water infrastructure improvements) are hereby established for consumers taking water from the municipal water system of the City and billed on a monthly basis:

A base rate (determined by meter size) at a unit rate of \$1.957 per hundred cubic feet and a surcharge based on varying amounts required by each bond which totals \$1.186 per hundred cubic feet calculated on an equivalent meter size ratio.

<u>Meter Size</u>	<u>Base Rate</u>	<u>Surcharge</u>	<u>Total</u>
5/8" & 3/4"	\$16.56	\$10.04	\$26.60
1"	\$30.04	\$29.98	\$60.02
1 1/4"	\$43.65	\$43.57	\$87.22
1 1/2"	\$64.41	\$64.33	\$128.74
2"	\$113.01	\$110.26	\$223.27
3"	\$258.41	\$243.97	\$502.38
4"	\$522.02	\$371.02	\$893.04

- (b) In addition to the above base rate, all services after the first service that are connected to a master meter shall be charged a base rate of \$13.14 per dwelling unit plus a surcharge of \$4.96 per dwelling unit.
- (c) All metered water consumed inside the city limits shall be charged at a rate of \$2.559 per hundred cubic feet.
- (d) All customers residing outside of the City limits of the City of Madison shall pay fifty percent (50%) above the aforesaid rates.
- (e) Bulk tank loads purchased at the water treatment plant will be charged \$3.00 per 1,000 gallons.
- (f) The surcharge is comprised of the following elements:

<u>Meter Size</u>	<u>Lewis & Clark</u>	<u>2013 Water Trmt Plant Bond</u>	<u>Rural Dev Bond</u>	<u>Total Surcharge</u>
5/8" & 3/4"	\$0.69	\$3.83	\$5.52	\$10.04
1"	\$2.05	\$11.45	\$16.48	\$29.98
1 1/4"	\$2.98	\$16.64	\$23.95	\$43.57
1 1/2"	\$4.39	\$24.57	\$35.37	\$64.33
2"	\$7.53	\$42.12	\$60.61	\$110.26
3"	\$16.66	\$93.19	\$134.12	\$243.97
4"	\$25.34	\$141.71	\$203.97	\$371.02

- (g) The surcharge shall remain in effect until the date on which the Rural Development Project bond and any obligations issued or incurred to refund the bond are paid in full, now scheduled to be year-end 2063.
- (h) Rates and charges as imposed under this ordinance shall be reflected on utility bills mailed to users in January 2021 and thereafter and due and payable in February 2021 and thereafter.

Dated this ____ day of January, 2021.

CITY OF MADISON

Mayor

ATTEST: _____
Finance Commissioner

1st Reading: December 21, 2020

2nd Reading:

Published:

Effective:

ORDINANCE NO. 1627

AN ORDINANCE TO AMEND CHAPTER 19 - TAXATION BY ADDING ARTICLE II - BUSINESS IMPROVEMENT DISTRICT

BE IT ORDAINED BY THE CITY COMMISSION OF THE CITY OF MADISON, SOUTH DAKOTA:

That Chapter 19 of the Revised Ordinances of the City of Madison, also known as the Code of Ordinances, be amended by adding the following:

ARTICLE II - Business Improvement Districts.

Section 19-20. Establishment of the District.

Pursuant to the provision of SDCL CH 9-55, Business Improvement District No. 1 (BID #1) of the City of Madison, SD is hereby created. A resolution of intent to create this District was approved by the City Commission November 16, 2020. The public hearing on creation of the District was held in the City Commission Room, located at 116 W Center Street, Madison, South Dakota at 5:30pm on December 21, 2020.

Section 19-21. Boundaries of the District.

The boundaries of the District are as follows:

- a) That property within the City of Madison boundaries which is zoned and used for hotel, motel or lodging establishments.

Section 19-22. New Properties within the District.

Pursuant to the provision of SDCL 9-55-4, BID #1 shall include all hotel, motel, or lodging establishment facilities constructed in the future or annexed into the municipal limits.

Section 19-23. Purpose of the District.

BID #1 is created for the purpose of funding the enhancement, expansion, marketing and promotion of visitor facilities, events, attractions and activities benefiting the city and its hotels and motels located within the District for the purposes set forth in SDCL 9-55-3.

Section 19-24. Occupational Tax Imposed.

Commencing February 1, 2021, an occupation tax in the amount of \$2.00 per night shall be imposed upon the above hotel, motel, or lodging establishments based upon rooms rented to transient guests. Organizations exempt from sales tax shall not be exempt from the occupational tax. No occupational tax shall be imposed on any transient guest who has been offered a room by a lodging establishment on a complimentary basis whereby no fee or rent is charged for such room. This tax rate may be adjusted by the City Commission in accordance with SDCL 9-55-16.

Section 19-25. Computation and Collection of Occupational Tax.

The occupation tax assessed pursuant to the terms of this article shall be remitted to the City Finance Officer by the 20th day of each month for the previous calendar month's tax collections. Should the 20th day of the month fall on a Saturday, Sunday or a holiday observed by the City, the occupancy tax remittance shall be due on the first business day immediately following the 20th. Each hotel, motel or lodging establishment subject to this article shall keep accurate records of amounts collected from transient guests for review by the City Finance Officer or his/her designee.

Section 19-26. Penalties for Failure to Pay Occupational Tax.

All remittances of occupancy tax collected pursuant to this article shall be due and received in the office of the City Finance Officer no later than the 20th day following the month for which the occupancy tax remittances are due. All amounts that are not remitted as set forth above will be charged a late fee in the amount of ten percent of the total amount due. Failure to remit such tax shall constitute a violation of this chapter which may be punishable by a fine of up to \$500.00 and/or imprisonment of up to 30 days. Any unpaid balance under this article shall constitute lien upon the property owned by the business or user of space being taxed and shall

become a lien against and shall run with property taxes and assessments. The city shall have the ability to deny the issuance of permits or licenses or any renewals thereof to any business or premises that fails to conform to provisions of this article, including, but not limited to, building permits, malt beverage licenses, wine licenses and liquor licenses. Nothing with this provision shall be construed as limiting any other rights which the city has or may pursue in seeking collection of monies not paid under the terms of this chapter. In the event this tax becomes subject to supervision by the state through the state's department of revenue, any rights which the city has herein shall be deemed cumulative to any powers which inure to the benefit of the state. In the event of any legal proceeding being initiated to seek collection of any delinquent assessments, the offending hotel, motel or lodging establishment shall be responsible for and pay all attorney's fees and costs incurred by the city seeking payment under the terms of this Chapter.

Section 19-27. Appropriation.

Once the occupational tax is collected, the City Finance Officer may be entitled to recover its administrative costs in the amount of two (2%) percent and deposit the remaining balances into a separate fund established for BID #1. The Board of Directors shall make recommendations to the City Commission for the use of the tax funds that are consistent with the City's normal expenditure approval process to be utilized solely for the purposes pursuant to SDCL 9-55-3.

Section 19-28. Costs Incurred by the City in Administering Occupational Tax.

All costs incurred by the City of the City Finance Officer pursuant to this article shall be paid from occupancy taxes collected under this article. Administrative costs are not to exceed two (2%) percent.

Section 19-29. Creation of Business Improvement Board of Directors.

The BID #1 Board of Directors is hereby established. The Mayor shall appoint the members of the Board of Directors, subject to the approval of the City Commission. There shall be five (5) members of the BID #1 Board of Directors with at least one hotelier from the district. No person may serve on the BID Board of Directors until such time as their nomination has been approved by the Madison City Commission at any of its regular meetings. The City Commission and Madison Chamber of Commerce may each appoint one person to serve as ex-officio, non-voting members of the BID #1 Board. Each member of the BID #1 Board of Directors shall serve a term of office of three (3) years. Nothing shall preclude a board member from serving consecutive terms. The terms shall be initially staggered with one member serving a three-year term, two members serving two-year terms, and two members serving a one-year term.

Section 19-30. Severability.

Should any section, clause or provision of this article be declared by the courts to be invalid, the same shall not affect the validity of the article as a whole or in any part thereof, other than the part declared to be invalid.

Section 19-31. Reporting.

The BID #1 Board of Directors will provide annual reports of their activities to the City Commission.

Dated this __ day of January, 2021

CITY OF MADISON

Mayor

ATTEST: _____
Finance Commissioner

1st Reading: December 21, 2020

2nd Reading:

Published:

Effective:

 Dashboard

 My Organization ▼

Madison, City of (079-40220-00)

Profile

Personnel

Applicant Event Profiles

Exploratory Calls

Recovery Scoping

Meetings

Damages

Work Order Requests

Work Orders

Projects

 My Post-Award Ops ▼

☒ My Tasks ▼

 Calendar

 Utilities ▼

 Intelligence ▼

«

Project Applicant

 SUBMIT

 CANCEL

DDD Approval

4469DR-SD (4469DR) / Madison, City of (079-40220-00)
/ [135909] Water Control Facility Sites (Egan Ave to Harth Ave)
/ Applicant DDD Approval

Please review and sign

General Information

v0

PROJECT #

135909

PROJECT CATEGORY

D - Water Control Facilities

PROJECT TITLE

Water Control Facility Sites (Egan Ave to Harth Ave)

PROJECT TYPE

Specialized

APPLICANT

Madison, City of (079-40220-00)

EVENT

4469DR-SD (4469DR)

 Damage Description and
Dimensions

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The Disaster **#4469DR**, which occurred between **9/9/2019** and **9/26/2019**, caused:

Damage #378072; Site 3 - Water Control Facility Sites (Egan Ave to Harth Ave)

Damages along City of Madison, Park Creek embankment, were sustained during DR-4469-SD incident period. Heavy rains culminating around September 12, 2019 caused extensive flooding within the area. Flooding along the creek caused extensive damages to the stone wall that was designed to keep the creek within its channel.

General Facility Information:

- **Facility Type:** Drainage Channels
- **Facility:** Park Creek Embankment
- **Facility Description:** Park Creek travels South, through Madison, South Dakota. While the creek provides storm water runoff / drainage for the majority of the city, its historical and aesthetic value should be noted, as well. Stone retaining walls, lining both banks were designed (in part) to keep the creek in its channel. The walls, built in the 1930's, are described as gravity mortared stone retaining walls on both sites of the creek/channel. The top of the wall is approximately 3 FT, and the bottom measures approximately 4 - 5 FT thick, with a vertical rise of anywhere from 7 - 9 FT. There appears to be no concrete footings to support the walls, as the stones along the bottom of the walls appear to rest on soil. The walls, maintained by the City of Madison, were constructed to protect adjacent improved property.
- **Approx. Year Built:** 1937
- **Location Description:** Egan Ave to Harth Ave, City of Madison, South Dakota
- **Purpose:** Flood Control

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- **Dimensions (top) Width (ft):** 30
- **Dimensions (top) Depth (ft):** 9
- **Quantity of Material Deposited by Incident:** N/A

General Damage Information:

- **Date Damaged:** 9/12/2019
- **Cause of Damage:** High velocity flooding associated with a rain event

Facility Damage:

Site 3: Egan Ave to Harth Ave (Start: 44.009026, -97.113696; End: 44.008013, -97.112710) TOTAL LENGTH OF CHANNEL 453FT:

- Embankment, 118.5185 CY of stone wall, NE side (44.009047, -97.113663; 44.008856, -97.113509), 80 FT long x 8 FT wide x 5 FT deep, wall collapse; heavy scour; undermining along base & remaining stone wall, caused by high velocity flooding associated with rain event, 0% work completed.
- Embankment, 960 SF of stone wall, NE side (44.008856, -97.113509; 44.008574, -97.113277), 120 FT long x 8 FT wide, loose/cracked mortar joints; heavy scour along base, caused by high velocity flooding associated with rain event, 0% work completed.
- Embankment, 1,944 SF of stone wall, NE side (44.008574, -97.113277; 44.008082, -97.112717), 243 FT long x 8 FT wide, loose/cracked mortar joints; deterioration of stones along base; heavy scour/undermining along toe; settlement, caused by high velocity flooding associated with rain event, 0% work completed.
- Embankment, 225 SF of stone wall, SW side (44.007972, -97.112714; 44.008010, -97.112787), 25 FT long x 9 FT wide, loose stones; cracked mortar joints; exposed toe; erosion noted along base, caused by high velocity

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flooding associated with rain event, 0% work completed.

- Embankment, 116.6667 CY of stone wall, SW side (44.008010, -97.112787; 44.008160, -97.112963), 70 FT long x 5 FT wide x 9 FT high, wall collapse; heavy scour/undermining noted along remaining sections of toe, caused by high velocity flooding associated with rain event, 0% work completed.
- Embankment, 297 SF of stone wall, SW side (44.008160, -97.112963; 44.008231, -97.113043), 33 FT long x 9 FT wide, loose/cracked mortar joints; deterioration of stones along base; heavy scour/undermining along toe; settlement, caused by high velocity flooding associated with rain event, 0% work completed.
- Embankment, 1,764 SF of stone wall, SE side (44.008231, -97.113043; 44.008674, -97.113459), 196 FT long x 9 FT wide, loose/cracked mortar joints; deterioration of stones along base; heavy scour/undermining along toe; settlement, caused by high velocity flooding associated with rain event, 0% work completed.
- Embankment, 236.6667 CY of stone wall, SW (44.008674, -97.113459; 44.009011, -97.113738), 142 FT long x 9 FT wide x 5 FT deep, wall collapse; heavy scour/undermining noted along remaining sections of toe side, caused by high velocity flooding associated with rain event, 0% work completed.

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12/28/2020